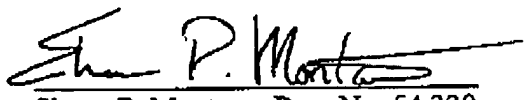
PATENTS
Attorney Docket No. WMO-001.01

## REMARKS

By the foregoing amendments, Applicants have canceled claims 41 and 42 without prejudice, and have added new claims 43-62 to more clearly and completely recite the patentable features of the present invention. Support for the new claims can be found throughout the specification. For example, paragraphs 0272-0273 of the published specification provide support for the claims' features directed to state models, and paragraphs 0306-0307 provide support for the claims' features directed to data clustering and membership values. After these amendments, claims 1-40, and 43-62 are pending in the application.

No new matter has been added by these amendments. Applicants respectfully submit that the pending claims are in condition for allowance. Prompt examination and allowance of the application are respectfully requested.

Respectfully submitted,



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PAGE 21/21 * RCVD AT 12/30/2004 3:45:09 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/1 * DNIS:8729306 * CSID:617 832 7000 * DURATION (mm-ss):05-36